GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2399
ANSWERED ON:04.12.2001
FRIENDLY COKE OVENS
AMBATI BRAHMANAIAH

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether it is a fact that the CSIR has developed energy efficient and environment Friendly Coke Ovens for the rural areas;

(b) if so, the purpose and utility of such coke ovens;

(c) the cost of development of these energy efficient coke ovens ;

(d) the number of such ovens presently in use ;

(e) whether their commercial viability has been assessed ; and

(f) if so, the details thereof ?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT, MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

a) & b) Yes Sir, the Central Fuel Research Institute, Dhanbad of CSIR has developed designs of small capacity energy efficient, environment friendly, non-recovery type of ovens for producing soft coke used as domestic fuel.

c) The cost of setting up a battery of ovens to produce 50 tonnes of Coke per day is about Rs. 12-15 lakh.
d) Around 50 soft coke plants using CFRI designs are presently in operation.

e)&f) The commercial viability has been assessed. It depends predominantly on the quality and the cost of the input coal. The pay back period is approximately two years.